

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

4-060.02

Application Number

7/070,559

Applicant  
Athas et. al.Filing Date  
April 30, 1998Group Art Unit  
1763

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BB	5,157,570	Oct 20, 1992	Shukovsky et. al.			Jun 29, 1990
BC	5,616,921	Apr 1, 1997	Talbot et. al.			Apr 30, 1998
<del> </del>						
<del> </del>						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
BD	2 227 601 A	01/08/90	UK				
<del> </del>							
<del> </del>							

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

<del> </del>							
<del> </del>							

EXAMINER

KAPLA MOORE

DATE CONSIDERED

15/29/00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

**MIM-060CP**

09/070.559

LIST OF PUBLICATIONS CITED BY APPLICANT  
(Use several sheets if necessary)

**APPLICANT**

**Athas, G.J. et al.**

FILING DATE

**April 30, 1998**

GROUP

1763

97 USC 99j

99/05.10/024639

12/18/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

B1		Athas, G. J. et al., "Focused ion beam system for automated MEMS prototyping and processing," (1997).
Examiner		Date Considered
KATHA MOORE		5/21/05
*EXAMINER		Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>MIM-060CP</b>	SERIAL NO <b>09/070,559</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Randall Grafton Lee, et al.</b>	
		FILING DATE <b>April 30, 1998</b>	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	AA	5,495,378	2/96	Bonyhard et al.	360	113	
	AB	5,452,166	9/95	Aylwin et al.	360	126	
	AC	5,404,635	4/95	Das	29	603	
	AD	5,314,596	5/94	Shukovsky et al.	204	192.2	
	AE	5,079,662	1/92	Kawakami et al.	360	113	
	AF	4,874,947	10/89	Ward et al.	250	309	
✓	AG	4,457,803	7/84	Takigawa	156	626	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	AH	WO 97/40493	10/97	PCT				
	AI	06349026	12/94	Japan			Abst	
	AJ	06338033	12/94	Japan			Abst	
	AK	05143938	6/93	Japan			Abst	
	AL	05143939	6/93	Japan			Abst	
	AM	04205705	7/92	Japan			Abst	
	AN	04044610	2/92	Japan			Abst	
	AO	0 452 846 A2	10/91	Europe				
	AP	2 227 601 A	8/90	Great Britain				
	AQ	2 166 888 A	5/86	Great Britain				
✓	AR	60010407	1/85	Japan			Abst	

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

W	AS	Futamato, Masaaki et al., "Development of Technologies for 2-Gb/in <sup>2</sup> Areal Density Recording", <i>Electronics and Communications in Japan, Part II-Electronics</i> , vol. 76, no. 3 (March 1993) pp. 94-103
✓	AT	Mallinson, John C., <i>Magneto-Resistive Heads, Fundamentals and Applications</i> , (Academic Press, Inc., San Diego 1996) Chapter 8, pp. 66-78 and Chapter 14, pp. 110-119.
Examiner <b>KAPLA MOORE</b>		Date Considered <b>5/29/03</b>
*EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant		

10/024639  
12/18/01